



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No.
DI-5802(112713-212)

Application No.
10/657,407

Applicant
Barber et al.

Filing Date
September 8, 2003

Group
Unknown

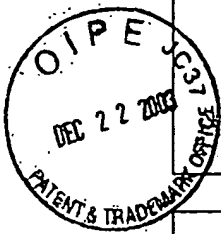
U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
<i>[Handwritten Initials]</i>	3,172,285	03/09/65	Dietert et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	3,234,045	02/08/66	Larsen	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	3,350,920	11/07/67	Brauer	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	3,392,573	07/16/68	Benson et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	3,483,735	12/16/69	Packo	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	3,505,876	02/08/68	Niebergall	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	3,847,013	11/12/74	Luy	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	3,960,001	06/01/76	Hayes	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,134,290	01/16/79	Bauerle	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,188,117	02/12/80	Yamauchi et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,188,817	02/19/80	Steigelmann	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,213,768	07/22/80	Bauman et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,324,568	04/13/82	Wilcox et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,332,264	06/01/82	Gortz et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,382,378	05/10/83	Wadsworth et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,402,214	09/06/83	Morgan et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,429,566	02/07/84	Armell et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,444,596	04/24/84	Gortz et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,444,597	04/24/84	Stieff et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,445,364	05/01/84	Stieff et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,493,207	01/15/85	Dempsey	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,494,403	01/22/85	Bowers et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,515,007	05/07/85	Herman	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,524,607	06/25/85	Pelletier et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,586,376	05/06/86	Outmans	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,612,798	09/23/86	Roberts	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,619,136	10/28/86	Ortiz	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten Initials]</i>	4,676,092	06/30/87	Tuttle	<i>[Handwritten]</i>	<i>[Handwritten]</i>	

Examiner: *[Handwritten Signature]*

Date Considered: *[Handwritten Date]*

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
<i>[Handwritten initials]</i>	4,686,848	08/18/87	Casselberry et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	4,745,797	05/24/88	Wegrzyn	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	4,754,638	07/05/88	Brayman et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	4,875,360	10/24/89	Ziemer	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	4,884,438	12/05/89	Jones et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	4,918,975	05/24/90	Voss	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	4,944,180	07/31/90	Tou et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	4,969,350	11/13/90	Fogal, Sr.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,073,482	12/17/91	Goldstein	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,102,434	04/07/92	Hijikata et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,138,871	08/18/92	Retta et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,205,156	04/27/93	Asano et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,282,380	02/01/94	DiLeo et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,398,541	03/21/95	Hijikata et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,411,682	05/02/95	Nagashima	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,522,930	06/04/96	Modera et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,581,017	12/03/96	Bejtlich, III	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,587,521	12/24/96	Lanasa	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,618,991	04/08/97	Levinrad	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,621,524	04/15/97	Mitani	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,640,236	06/17/97	Nagashima	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,681,984	10/28/97	Cavestri	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,739,420	04/14/98	Peterson	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,763,765	06/09/98	Lamont et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,821,404	10/13/98	Bohm et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,835,976	11/10/98	Kent et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,847,821	12/08/98	Tracy et al.	<i>[Handwritten]</i>	<i>[Handwritten]</i>	
<i>[Handwritten initials]</i>	5,850,037	12/15/98	Mullins	<i>[Handwritten]</i>	<i>[Handwritten]</i>	

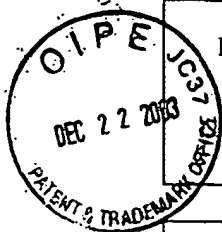
Examiner:

Andre K. J. [Handwritten Signature]

Date Considered:

06/09/05

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<i>[Handwritten Initials]</i>	5,861,547	01/19/99	Kawai et al.	/	/	
<i>[Handwritten Initials]</i>	5,892,142	04/06/99	Ghorashi et al.	/	/	
<i>[Handwritten Initials]</i>	5,908,993	06/01/99	Takeshima et al.	/	/	
<i>[Handwritten Initials]</i>	5,974,860	11/02/99	Kuroda et al.	/	/	
<i>[Handwritten Initials]</i>	6,050,133	04/18/00	Achter et al.	/	/	
<i>[Handwritten Initials]</i>	6,236,747	05/22/01	King et al.	/	/	
<i>[Handwritten Initials]</i>	6,254,787	07/03/01	Kimura et al.	/	/	
<i>[Handwritten Initials]</i>	6,257,048	07/10/01	Hietala et al.	/	/	
<i>[Handwritten Initials]</i>	6,269,681	08/07/01	Hara et al.	/	/	
<i>[Handwritten Initials]</i>	6,327,895	12/11/01	Jeppsson et al.	/	/	
<i>[Handwritten Initials]</i>	Re 31,952	07/23/85	Wilcox et al.	/	/	

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
<i>[Handwritten Initials]</i>	EP 623357 A1	11/09/94	EPO	/	/	/	/
<i>[Handwritten Initials]</i>	EP 750938	01/02/97	EPO	/	/		
<i>[Handwritten Initials]</i>	JP 53134776	11/24/78	Japan	/	/		x
<i>[Handwritten Initials]</i>	JP 54138874	10/27/79	Japan	/	/		x
<i>[Handwritten Initials]</i>	JP 6117957	04/28/94	Japan	/	/		x
<i>[Handwritten Initials]</i>	JP 10244000	09/14/98	Japan	/	/		
<i>[Handwritten Initials]</i>	JP 10258120	09/29/98	Japan	/	/		
<i>[Handwritten Initials]</i>	JP 2001145281	05/29/01	Japan	/	/		
<i>[Handwritten Initials]</i>	WO9015631 A1	12/27/90	PCT	/	/		
<i>[Handwritten Initials]</i>	WO9528184 A1	10/26/95	PCT	/	/		
<i>[Handwritten Initials]</i>	WO9624214	08/22/96	PCT	/	/		
<i>[Handwritten Initials]</i>	WO9711171	04/03/97	PCT	/	/		

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner: *Andre K. Nakamura* Date Considered: *06/09/05*

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